-/1

2878 $
2881

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No. 7710

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

Application No. 10/092,343

Filed: March 5, 2002

For: **SCANNING MAGNETISM
        DETECTOR AND PROBE**

Group Art Unit: 2878

Examiner: Christopher M. Kalivoda

Date: September 19, 2003

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

[✓]   Fee Transmittal in duplicate
[✓]   Patent Application Fee Determination Record
[✓]   Amendment
[✓]   Supplemental Information Disclosure Statement
[✓]   Form PTO-1449
[✓]   Cited References
[✓]   Check for $180.00
[✓]· Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

By _____
   Paul S. Angello
   Registration No. 30,991

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 12336/7:1

FEE TRANSMITTAL
for FY 2003
Effective 01/01/2003. Patent fees are subject to annual revision.

[X] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 180.00

Complete if Known

Application Number	10/092,343
Filing Date	March 5, 2002
First Named Inventor	Koichi Mukasa
Examiner Name	Christopher M. Kalivoda
Art Unit	2881
Attorney Docket No.	12336/7:1

METHOD OF PAYMENT (check all that apply)

[X] Check [ ] Credit card [ ] Money Order [ ] Other [ ] None

[X] Deposit Account:

Deposit Account Number: 19-4455
Deposit Account Name: Stoel Rives LLP

The Director is authorized to: (check all that apply)
[ ] Charge fee(s) indicated below [X] Credit any overpayments
[ ] Charge any additional fee(s) during the pendency of this application
[ ] Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below	Fee Paid
Total Claims	-20** =	X	=	
Independent Claims	- 3** =	X	=	
Multiple Dependent			=	

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____
*Reduced by Basic Filing Fee Paid
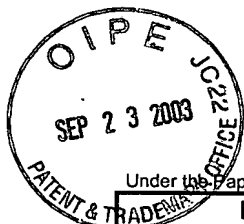
SUBTOTAL (3) ($) 180.00

SUBMITTED BY

(Complete *if applicable*)

Name (Print/Type)	Paul S. Angello	Registration No. (Attorney/Agent)	30,991	Telephone	503-224-3380
Signature	*[signature]*			Date	9/19/03

OIPE
SEP 2 3 2003
PATENT & TRADEMARK OFFICE

RECEIVED SEP 30 2003 TECHNOLOGY CENTER 2800

PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
10/092,343

CLAIMS AS FILED – PART I

FOR	NUMBER FILED (Column 1)		NUMBER EXTRA (Column 2)	SMALL ENTITY RATE	SMALL ENTITY FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE (37 CFR 1.16(a))					$370	OR		$____
TOTAL CLAIMS (37 CFR 1.16(c))	23	minus 20 =	* 3	x $9=	$27	OR	x $____=	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2	minus 3 =	* 0	x $42=	$0	OR	x $____=	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ $140=	$140	OR	+ $____=	
				TOTAL	$537		TOTAL	

* If the difference in column 1 is less then zero, enter "0" in column 2

CLAIMS AS AMENDED – PART II

AMENDMENT A

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDI-TIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	* 23	Minus	** 23	= 0	x $9=	$0	OR	x $____=	
Independent (37 CFR 1.16(b))	* 2	Minus	*** 3	= 0	x $42=	$0	OR	x $____=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____=	$0	OR	+ $____=	
					TOTAL ADD'L FEE	$0	OR	TOTAL ADD'L FEE	

AMENDMENT B

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	RATE	ADDI-TIONAL FEE	OR	RATE	ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	=	x $____=		OR	x $____=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	x $____=		OR	x $____=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____=		OR	+ $____=	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	RATE	ADDI-TIONAL FEE	OR	RATE	ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	=	x $____=		OR	x $____=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	x $____=		OR	x $____=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____=		OR	+ $____=	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option